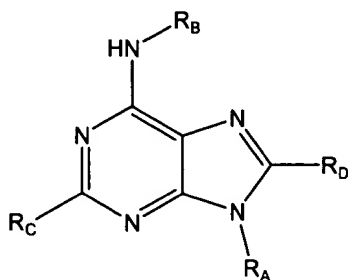


## Substitute Abstract

Please replace the abstract with the following substitute abstract.

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The invention relates to novel purines represented by the following structural formula:



Inventive compounds inhibit osteoclast activity and are useful for the treatment of bone disorders related to bone metabolism. Inventive compounds also inhibit kinase activity, such as scr kinase activity, and are useful in treating cancer.

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